| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 1 | 1 | 106/31.16,31.32,31.64,31.49,31.78.ccls. and polychromal and organic | USPAT | 2003/11/08 20:26 |
| 2 | 2 | 106/31.16 and polychromal and organic | USPAT | 2003/11/08 20:24 |
| 3 | 2 | 106/31.32 and polychromal and organic | USPAT | 2003/11/08 20:25 |
| 5 | 1 | 106/31.49 and polychromal and organic | USPAT | 2003/11/08 20:25 |
| 6 | 1 | 106/31.78 and polychromal and organic | USPAT | 2003/11/08 20:26 |
| 10 | 3 | 427/213.3 and polychromal and organic | USPAT | 2003/11/08 20:27 |
| 8 | 1 | 427/213.31 and polychromal and organic | USPAT | 2003/11/08 20:27 |
| 7 | 1 | 427/213.34 and polychromal and organic | USPAT | 2003/11/08 20:28 |
| 4 | 2 | 106/31.64 and polychromal and organic | USPAT | 2003/11/08 20:30 |
| 11 | 1 | 349/86 and polychromal and organic | USPAT | 2003/11/08 20:30 |
| 12 | 0 | 264/4,7.ccls. and (color$4 near1 pigment) near1 coat$4 | USPAT | 2003/11/08 21:35 |
| 13 | 0 | 264/4 and (color$4 near1 pigment) near1 coat$4 | USPAT | 2003/11/08 21:35 |
| 14 | 0 | 264/7 and (color$4 near1 pigment) near1 coat$4 | USPAT | 2003/11/08 21:35 |
| – | 65 | Sheridon.in. and nicholas | USPAT | 2003/11/07 18:50 |
| – | 60 | ("Re29742" \| "2326634" \| "2354018" \| "2354048" \| "2354049" \| "2407680" \| "2600963" \| "2684788" \| "2794301" \| "2950985" \| "2965921" \| "2980547" \| "3150947" \| "3222204" \| "3243273" \| "3310391" \| "3617333" \| "3648281" \| "3795435" \| "3915771" \| "4002022" \| "4082426" \| "4117192" \| "4117194" \| "4126854" \| "4143103" \| "4229732" \| "4261653" \| "4267946" \| "4288788" \| "4367920" \| "4381616" \| "4438160" \| "4441791" \| "4492435" \| "4511210" \| "4569857" \| "4592628" \| "4678695" \| "4710732" \| "4713295" \| "4721649" \| "4725494" \| "4948232" \| "4956619" \| "5039557" \| "5128203" \| "5155607" \| "5226099" \| "5262098" \| "5315776" \| "5331454" \| "5344594" \| "5389945" \| "5416996" \| "5459602" \| "5515075" \| "5526016" \| "5535047" \| "5894367").PN. | USPAT | 2002/12/04 22:02 |
| – | 13 | Sheridon.in. and nicholas and (colored near pigment$1) | USPAT | 2002/01/08 23:41 |
| – | 18 | Sheridon.in. and nicholas and polychromal | USPAT | 2002/01/09 14:54 |
| – | 21 | Sheridon.in. and nicholas and (bichromal same pigment$2) | USPAT | 2002/01/09 22:17 |
| – | 24 | 345/107 and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT | 2003/10/30 20:39 |
| – | 15 | 345/84 and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT | 2002/07/03 10:45 |
| – | 27 | 359/296 and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT | 2002/01/10 14:29 |
| – | 5 | 428/323 and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT | 2003/10/30 20:38 |
| – | 1 | 428/327 and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT | 2002/01/10 14:49 |
| – | 2 | 428/407 and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT | 2002/01/10 14:51 |
| – | 2 | 428/402.21 and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT | 2002/01/10 14:51 |
| – | 20173 | pigment$1 near10 organic | USPAT | 2002/07/03 10:46 |
| – | 136 | Sheridon.in. and nicholas | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/03 10:47 |
| – | 0 | (Sheridon.in. and nicholas) and (pigment$1 near10 organic) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/03 10:47 |
| – | 11 | (pigment$1 near10 organic) and display and gyricon | USPAT | 2002/07/03 10:48 |

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|---|---|---|---|---|---|
| - | | 9 | ((pigment$1 near10 organic) and display and gyricon) and capsul$2 | USPAT | 2002/07/03 14:24 |
| - | | 9 | ((pigment$1 near10 organic) and display and gyricon) and capsul$3 and color | USPAT | 2002/07/03 14:25 |
| - | | 9 | ((pigment$1 near10 organic) and display and gyricon) and capsul$3 and color | USPAT | 2002/07/03 18:09 |
| - | | 4 | ((pigment$1 near10 organic) and display and gyricon) and capsul$3 and color and alkyl | USPAT | 2002/07/03 18:18 |
| - | | 4 | ((pigment$1 near10 organic) and display and gyricon) and capsul$3 and color and (alkyl or aromatic) | USPAT | 2002/07/03 18:19 |
| - | | 4 | ((pigment$1 near10 organic) and display and gyricon) and capsul$3 and color and aromatic | USPAT | 2002/07/03 19:04 |
| - | | 1 | ("6045955").PN. | USPAT | 2002/07/03 19:04 |
| - | | 43 | (("5961804") or ("5930026") or ("5604027") or ("4143103") or ("4438160") or ("5262098") or ("5344594") or ("5717514") or ("3668106") or ("4305807") or ("5604027") or ("4126854") or ("4143103") or ("5604027") or ("5919409") or ("5737115") or ("5717514") or ("5708925") or ("4143103") or ("5344594") or ("5262098") or ("4810431") or ("5989629") or ("5830930") or ("5869550") or ("5877238") or ("5919841") or ("5948835") or ("5977213") or ("5916934") or ("5554739") or ("5559169") or ("5571311") or ("5575845") or ("5630868") or ("5672198") or ("5698016") or ("5837045") or ("5922118") or ("5968243") or ("6042643") or ("5900029") or ("5955232") or ("5895522") or ("5885335") or ("5851280") or ("5803959") or ("5713988") or ("5707432") or ("6110994") or ("5698016")).PN. | USPAT | 2002/12/05 20:17 |
| - | | 1984 | (color$4 near3 pigment) near7 coat$4 | USPAT | 2002/12/05 20:18 |
| - | | 1025 | (color$4 near1 pigment) near7 coat$4 | USPAT | 2002/12/05 20:19 |
| - | | 178 | (color$4 near1 pigment) near1 coat$4 | USPAT | 2002/12/05 21:24 |
| - | | 2 | ((color$4 near1 pigment) near7 coat$4) same (organic near7 ion$7) | USPAT | 2002/12/05 20:23 |
| - | | 1 | ((color$4 near1 pigment) near7 coat$4) and ((color$4 adj pigment) same (organic near7 ion$7)) | USPAT | 2002/12/05 20:29 |
| - | | 26 | amici.in. and robert and color | USPAT | 2002/12/05 20:29 |
| - | | 35 | amici.in. and robert | USPAT | 2002/12/05 20:30 |
| - | | 15 | Dalton.in. and dennis | USPAT | 2002/12/05 20:31 |
| - | | 9 | galloway.in. and collin | USPAT | 2002/12/05 21:12 |
| - | | 38 | ("2439442" \| "2502254" \| "2514236" \| "2867540" \| "3025259" \| "3043708" \| "3335020" \| "3479300" \| "4014844" \| "4871371" \| "4909852" \| "4946509" \| "5281261" \| "5418277" \| "5545504" \| "5554739" \| "5571311" \| "5630868" \| "5698016" \| "5713988" \| "5714993" \| "5747559" \| "5749950" \| "5837045" \| "5851280" \| "5871706" \| "5872177" \| "5885335" \| "5895522" \| "5900029" \| "5914806" \| "5922118" \| "5964935" \| "5968243" \| "5976233" \| "6042643" \| "6068688" \| "6336965").PN. | USPAT | 2002/12/05 21:12 |
| - | | 3 | (("5885335") or ("5922118") or ("5976233")).PN. | USPAT | 2002/12/05 21:13 |
| - | | 0 | 359/296 and (color$4 near1 pigment) near1 coat$4 | USPAT | 2002/12/05 21:25 |
| - | | 0 | 264/4.7 and (color$4 near1 pigment) near1 coat$4 | USPAT | 2003/11/08 21:34 |
| - | | 1 | 428/323 and (color$4 near1 pigment) near1 coat$4 | USPAT | 2003/10/30 20:40 |
| - | | 5 | 428/327 and (color$4 near1 pigment) near1 coat$4 | USPAT | 2002/12/05 21:26 |

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|---|---|---|---|---|
| - | 1 | 428/402.21 and (color$4 nearl pigment) nearl coat$4 | USPAT | 2002/12/05 21:26 |
| - | 6 | 428/407 and (color$4 nearl pigment) nearl coat$4 | USPAT | 2002/12/05 21:26 |
| - | 0 | 345/107 and (color$4 nearl pigment) nearl coat$4 | USPAT | 2002/12/05 21:27 |
| - | 0 | 345/84 and (color$4 nearl pigment) nearl coat$4 | USPAT | 2002/12/05 21:27 |
| - | 0 | 106/31 and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT | 2002/12/05 21:38 |
| - | 1 | 106/$.ccls. and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT | 2002/12/05 21:41 |
| - | 1 | ("6421472").PN. | USPAT | 2002/12/06 10:55 |
| - | 132 | (particle or (colored nearl pigment) or (carbon nearl black)) and (fluid or liquid) and ((orgnic or aromatic) nearl group) and (ionic or ionizable) and attach | USPAT | 2002/12/06 11:01 |
| - | 68 | (particle or (colored nearl pigment) or (carbon nearl black)) and (fluid or liquid) and ((orgnic or aromatic) nearl group) and (ionic or ionizable) and attach and optical | USPAT | 2002/12/06 11:07 |
| - | 0 | (particle or (colored nearl pigment) or (carbon nearl black)) and (fluid or liquid) and ((orgnic nearl group) same (ionic or ionizable)) and attach and optical | USPAT | 2002/12/06 11:06 |
| - | 0 | (particle or (colored nearl pigment) or (carbon nearl black)) and (fluid or liquid) and ((orgnic nearl group) and (ionic or ionizable)) and attach and optical | USPAT | 2002/12/06 11:06 |
| - | 68 | (particle or (colored nearl pigment) or (carbon nearl black)) and (fluid or liquid) and (aromatic nearl group) and (ionic or ionizable) and attach and optical | USPAT | 2002/12/06 11:07 |
| - | 27 | (particle or (colored nearl pigment) or (carbon nearl black)) and (fluid or liquid) and ((aromatic nearl group) same (ionic or ionizable)) and attach and optical | USPAT | 2002/12/06 20:15 |
| - | 4 | (particle or (colored nearl pigment) or (carbon nearl black)) and (fluid or liquid) and ((aromatic nearl group) same (ionic or ionizable)) and (attach same (ionic or ionizable)) | USPAT | 2002/12/06 12:22 |
| - | 1 | (particle or (colored nearl pigment) or (carbon nearl black)) and (fluid or liquid) and (ionic or ionizable) and (attach same organic same (colored nearl pigment)) | USPAT | 2002/12/06 12:00 |
| - | 0 | (particle or (colored nearl pigment) or (carbon nearl black)) and (fluid or liquid) and (ionic or ionizable) and (attach same organic same (colored nearl pigment)) and shell and (different adj color) | USPAT | 2002/12/06 12:02 |
| - | 0 | (particle or (colored nearl pigment) or (carbon nearl black)) and (fluid or liquid) and (ionic or ionizable) and (attach same organic same (colored nearl pigment)) and (different adj color) | USPAT | 2002/12/06 12:02 |
| - | 4 | (particle or (colored nearl pigment) or (carbon adj black)) and (fluid or liquid) and ((aromatic nearl group) same (ionic or ionizable)) and (attach same (ionic or ionizable)) and alkyl | USPAT | 2002/12/06 12:23 |

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|---|---|---|---|---|---|
| – | | 4 | (particle or (colored near1 pigment) or (carbon near1 black)) and (fluid or liquid) and ((aromatic near1 group) same (ionic or ionizable)) and (attach same (ionic or ionizable)) and alkyl | USPAT | 2002/12/06 12:24 |
| – | | 0 | (particle or (colored near1 pigment) or (carbon adj black)) and (fluid or liquid) and ((aromatic near1 group) same (ionic or ionizable)) and (attach same (ionic or ionizable)) and alkyl and ("C.sub.1-C.sub.100") | USPAT | 2002/12/06 12:27 |
| – | | 0 | (particle or (colored near1 pigment) or (carbon adj black)) and (fluid or liquid) and ((aromatic near1 group) same (ionic or ionizable)) and (attach same (ionic or ionizable)) and alkyl and ("C.sub.1 -C.sub.100") | USPAT | 2002/12/06 12:28 |
| – | | 2 | (particle or (colored near1 pigment) or (carbon adj black)) and (fluid or liquid) and ((aromatic near1 group) same (ionic or ionizable)) and (attach same (ionic or ionizable)) and alkyl and ("C.sub.1 -C.sub.20") | USPAT | 2002/12/06 12:27 |
| – | | 0 | (particle or (colored near1 pigment) or (carbon adj black)) and (fluid or liquid) and ((aromatic near1 group) same (ionic or ionizable)) and (attach same (ionic or ionizable)) and alkyl and ("C.sub.1- C.sub.100") | USPAT | 2002/12/06 12:28 |
| – | | 3 | (particle or (colored near1 pigment) or (carbon adj black)) and (fluid or liquid) and ((aromatic near1 group) and (ionic or ionizable)) and (attach and (ionic or ionizable)) and alkyl and ("C.sub.1- C.sub.100") | USPAT | 2002/12/06 13:09 |
| – | | 3 | (particle or (colored near1 pigment)) and (fluid or liquid) and ((aromatic near1 group) and (ionic or ionizable)) and (attach and (ionic or ionizable)) and alkyl and ("C.sub.1- C.sub.100") | USPAT | 2002/12/06 13:09 |
| – | | 2 | ((colored near1 pigment)) and (fluid or liquid) and ((aromatic near1 group) and (ionic or ionizable)) and (attach and (ionic or ionizable)) and alkyl and ("C.sub.1- C.sub.100") | USPAT | 2003/05/19 20:13 |
| – | | 0 | ((colored near1 pigment)) and (fluid or liquid) and ((aromatic near1 group) and (ionic or ionizable)) and (attach and (ionic or ionizable)) and polychromal | USPAT | 2002/12/06 15:32 |
| – | | 14 | polychromal near3 ball | USPAT | 2002/12/06 15:33 |
| – | | 0 | (polychromal near3 ball) and (color near3 pigment) | USPAT | 2002/12/06 15:34 |
| – | | 13 | (polychromal near3 ball) and (colored near3 pigment) | USPAT | 2002/12/06 15:34 |
| – | | 13 | (polychromal near3 ball$1) and (colored near3 pigment) | USPAT | 2002/12/06 15:34 |
| – | | 0 | (polychromal near3 ball$1) and (colored near3 pigment) and shell$1 and liquid | USPAT | 2002/12/06 15:34 |
| – | | 0 | (polychromal near3 ball$1) and (colored near3 pigment) and liquid and organic | USPAT | 2002/12/06 15:35 |
| – | | 0 | (polychromal near3 ball$1) and (colored near3 pigment) and liquid and organic | USPAT | 2002/12/06 15:36 |
| – | | 0 | (polychromal near3 ball$1) and (colored near3 pigment) and liquid and aromatic | USPAT | 2002/12/06 15:36 |
| – | | 13 | (polychromal near3 ball$1) and (colored near3 pigment) and liquid | USPAT | 2002/12/06 17:39 |
| – | | 13 | (polychromal near3 ball$1) and (colored near3 pigment) and liquid and electrode$1 | USPAT | 2002/12/06 17:39 |
| – | | 13 | (polychromal near3 ball$1) and (colored near3 pigment) and liquid and electrode$1 | USPAT | 2002/12/06 20:07 |

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|---|---|---|---|---|
| – | 1 | ((colored near1 pigment) same (ionic or ionizable)) and (fluid or liquid) and attach and optical | USPAT | 2002/12/06 20:18 |
| – | 0 | ((colored near1 pigment) same (ionic or ionizable)) and (fluid or liquid) and attach and optical and electrode$1 | USPAT | 2002/12/06 20:19 |
| – | 0 | ((colored near1 pigment) same (ionic or ionizable)) and (fluid or liquid) and attach and optical and rotat$4 | USPAT | 2002/12/06 20:19 |
| – | 20 | (Drzaic.in. and paul) and electrophoretic | USPAT | 2003/05/19 19:20 |
| – | 12 | Drzaic.in. and paul | EPO | 2003/05/19 19:21 |
| – | 28 | Drzaic.in. and paul | USPAT | 2003/05/19 19:22 |
| – | 0 | ((colored near1 pigment)) and (fluid or liquid) and ((aromatic near1 group) and (ionic or ionizable)) and alkyl and ("C.sub.1- C.sub.100") | EPO | 2003/05/19 20:13 |
| – | 0 | ((colored near1 pigment)) and (fluid or liquid) and ((aromatic near1 group) and (ionic or ionizable)) and alkyl and ("C.sub.1- C.sub.100") | JPO | 2003/05/19 20:13 |
| – | 0 | ((colored near1 pigment)) and (fluid or liquid) and ((aromatic near1 group) and (ionic or ionizable)) and alkyl and ("C.sub.1-C.sub.100") | USPAT | 2003/05/19 20:14 |
| – | 3 | ((colored near1 pigment)) and (fluid or liquid) and ((aromatic near1 group) and (ionic or ionizable)) and alkyl and ("C.sub.1- C.sub.100") | USPAT | 2003/05/19 20:14 |
| – | 0 | ((colored near1 pigment)) and (fluid or liquid) and ((aromatic near1 group) and (ionic or ionizable)) and alkyl and ("C.sub.1 - C.sub.100") | USPAT | 2003/05/19 20:15 |
| – | 3 | ((colored near1 pigment)) and (fluid or liquid) and ((aromatic near1 group) and (ionic or ionizable)) and alkyl and ("C.sub.1 -C.sub.100") | USPAT | 2003/05/19 20:15 |
| – | 3 | ((colored near1 pigment)) and (fluid or liquid) and ((aromatic near1 group) and (ionic or ionizable)) and alkyl and ("C.sub.1- C.sub.100") | USPAT | 2003/05/19 20:24 |
| – | 4 | (("6130773") or ("6249271")).PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/19 20:25 |
| – | 0 | 359/296 and (color$4 near1 pigment) near1 coat$4 | USPAT | 2003/10/30 20:39 |
| – | 2 | 428/323,327,407,402.21.ccls. and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT | 2003/10/30 20:39 |
| – | 0 | 359/296 and (color$4 near1 pigment) near1 coat$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 20:39 |
| – | 2 | 428/323,327,407,402.21.ccls. and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 20:40 |
| – | 31 | 345/107,84.ccls. and (bichromal or polychromal) and electrodes and pigment$1 and gyricon | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 20:40 |
| – | 12 | 428/323 and (color$4 near2 pigment) near1 coat$4 | USPAT | 2003/10/30 20:40 |
| – | 11837 | (color$4 near2 pigment) and organic | USPAT; US-PGPUB | 2003/10/30 20:41 |
| – | 49 | (color$4 near2 pigment) and organic and hemisphere$1 | USPAT; US-PGPUB | 2003/10/30 20:42 |

| - | | 22 | (color$4 near2 pigment) and organic and hemisphere$1 and electrode | USPAT; US-PGPUB | 2003/10/30 20:42 |
| - | | 23 | (color$4 near2 pigment) and organic and hemisphere$1 and electrode$1 | USPAT; US-PGPUB | 2003/10/30 20:43 |
| - | | 72 | (particle$1 and fluid) and organic and hemisphere$1 and electrode$1 and (ionic or ionizable) | USPAT; US-PGPUB | 2003/10/30 20:44 |
| - | | 13 | (particle$1 and fluid) and organic and hemisphere$1 and electrode$1 and (ionic or ionizable) and ((aromatic or alkyl) near1 group) | USPAT; US-PGPUB | 2003/10/31 12:49 |
| - | | 0 | 264/7 and polychromal and organic | USPAT | 2003/11/07 18:53 |
| - | | 3 | 264/4 and polychromal and organic | USPAT | 2003/11/08 20:23 |